

Message

**From:** Hubbard, Carolyn [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=2A93CE3245494318B109E87F7D826284-HUBBARD, CAROLYN]  
**Sent:** 8/24/2018 8:06:00 PM  
**To:** Flowers, Lynn [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1a4411c874d041b9a8badfc32b91bd70-Flowers, Lynn]  
**CC:** Cogliano, Vincent [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376ac4d32bad2fe7cfef2886b-Cogliano, Vincent]; Maguire, Megan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6a013c79651d4a86afd93dfc45128ebb-maguire, Megan]; Birchfield, Norman [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c910f2fd28414e819b6afe6dda525e9f-Birchfield, Norman]; Champlin, Anna [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=f59084b342934f42aba4643b326f8611-Osaka, Anna]; Hauchman, Fred [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=f8bf9785f32048ccad5f60b25a72017d-Hauchman, Fred]; Deener, Kathleen [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b9a2ff1c086249ea8f6414afde8a5e54-Deener, Kathleen]  
**Subject:** Re: With Link - Glyphosate questions from Undark--due tomorrow COB

Thanks. I think Jennifer wants to keep the response as minimal as possible.

Carolyn Hubbard  
Communications Director  
EPA Office of Research and Development  
202-564-2189

Personal Matters / Ex. 6

On Aug 24, 2018, at 4:05 PM, Flowers, Lynn <[Flowers.Lynn@epa.gov](mailto:Flowers.Lynn@epa.gov)> wrote:

Here is the link to the internal memos

Personal Matters / Ex. 6

Personal Matters / Ex. 6

I can now see where the specifics of the questions are coming from.

## Deliberative Process / Ex. 5

Lynn

"1. According to the emails I have, after IARC released its glyphosate assessment in March 2015, Tom Burke wanted OSP to give high priority to asking ORD to review what OPP had already done in terms of evaluation. What were the main concerns that Tom and OSP had? Were they concerned OPP had got it wrong, that the divergence with IARC would create controversy, other? I don't want to put words into anyone's mouth, but a sense of the concerns would be good. Tom Burke first choice for this, Jacqueline McQueen second choice.

## Deliberative Process / Ex. 5

2. Once ORD began looking at this, the email trail makes clear that ORD scientists had concerned with the OPP assessment and in many or most cases leaned towards what IARC had concluded. How many ORD people were involved in this discussion, and what was the balance of opinions between probable carcinogen, suggestive evidence, etc, roughly speaking? Vincent Coglianò seemed to be taking the lead on this discussion and so he would be the best one to respond if possible.

## Deliberative Process / Ex. 5

---

**From:** Flowers, Lynn  
**Sent:** Friday, August 24, 2018 2:48 PM  
**To:** Coglianò, Vincent <[coglianov.vincent@epa.gov](mailto:coglianov.vincent@epa.gov)>; Hubbard, Carolyn <[Hubbard.Carolyn@epa.gov](mailto:Hubbard.Carolyn@epa.gov)>; Maguire, Megan <[Maguire.Megan@epa.gov](mailto:Maguire.Megan@epa.gov)>; Birchfield, Norman <[Birchfield.Norman@epa.gov](mailto:Birchfield.Norman@epa.gov)>  
**Cc:** Champlin, Anna <[Champlin.Anna@epa.gov](mailto:Champlin.Anna@epa.gov)>; Hauchman, Fred <[hauchman.fred@epa.gov](mailto:hauchman.fred@epa.gov)>; Deener, Kathleen <[Deener.Kathleen@epa.gov](mailto:Deener.Kathleen@epa.gov)>  
**Subject:** With Link - Glyphosate questions from Undark--due tomorrow COB

With the link this time:

<https://www.nytimes.com/2018/08/24/business/epa-pesticides-studies-epidemiology.html>

---

**From:** Flowers, Lynn  
**Sent:** Friday, August 24, 2018 2:46 PM  
**To:** Coglianò, Vincent <[coglianov.vincent@epa.gov](mailto:coglianov.vincent@epa.gov)>; Hubbard, Carolyn <[Hubbard.Carolyn@epa.gov](mailto:Hubbard.Carolyn@epa.gov)>; Maguire, Megan <[Maguire.Megan@epa.gov](mailto:Maguire.Megan@epa.gov)>; Birchfield, Norman <[Birchfield.Norman@epa.gov](mailto:Birchfield.Norman@epa.gov)>  
**Cc:** Champlin, Anna <[Champlin.Anna@epa.gov](mailto:Champlin.Anna@epa.gov)>; Hauchman, Fred <[hauchman.fred@epa.gov](mailto:hauchman.fred@epa.gov)>; Deener, Kathleen <[Deener.Kathleen@epa.gov](mailto:Deener.Kathleen@epa.gov)>  
**Subject:** RE: Glyphosate questions from Undark--due tomorrow COB

Vince et al: I was thinking that the 4 column table might have been out there but couldn't find reference to it. Also might want to change the responses based on these memos – as we know Undark has memos we don't know about (at least OSP doesn't know about..)

I'll read all of them and make a recommendations. Others please chime in too.

Lynn

Lynn Flowers, PhD, DABT  
Associate Director for Science  
Office of Science Policy/ORD  
US EPA  
Washington, DC  
202-564-6293

**From:** Cogliano, Vincent  
**Sent:** Friday, August 24, 2018 2:06 PM  
**To:** Hubbard, Carolyn <Hubbard.Carolyn@epa.gov>; Flowers, Lynn <Flowers.Lynn@epa.gov>; Maguire, Megan <Maguire.Megan@epa.gov>; Birchfield, Norman <Birchfield.Norman@epa.gov>  
**Cc:** Champlin, Anna <Champlin.Anna@epa.gov>; Hauchman, Fred <hauchman.fred@epa.gov>; Deener, Kathleen <Deener.Kathleen@epa.gov>  
**Subject:** RE: Glyphosate questions from Undark--due tomorrow COB

# Deliberative Process / Ex. 5

**From:** Hubbard, Carolyn  
**Sent:** Friday, 24 August, 2018 13:54  
**To:** Flowers, Lynn <Flowers.Lynn@epa.gov>; Maguire, Megan <Maguire.Megan@epa.gov>; Cogliano, Vincent <cogliano.vincent@epa.gov>; Birchfield, Norman <Birchfield.Norman@epa.gov>  
**Cc:** Champlin, Anna <Champlin.Anna@epa.gov>; Hauchman, Fred <hauchman.fred@epa.gov>; Deener, Kathleen <Deener.Kathleen@epa.gov>  
**Subject:** RE: Glyphosate questions from Undark--due tomorrow COB

Thanks Lynn!

Carolyn Hubbard  
Communications Director  
EPA Office of Research and Development  
202-564-2189

Personal Matters / Ex. 6

**From:** Flowers, Lynn  
**Sent:** Friday, August 24, 2018 1:42 PM  
**To:** Maguire, Megan <Maguire.Megan@epa.gov>; Cogliano, Vincent <cogliano.vincent@epa.gov>; Birchfield, Norman <Birchfield.Norman@epa.gov>  
**Cc:** Champlin, Anna <Champlin.Anna@epa.gov>; Hubbard, Carolyn <Hubbard.Carolyn@epa.gov>; Hauchman, Fred <hauchman.fred@epa.gov>; Deener, Kathleen <Deener.Kathleen@epa.gov>  
**Subject:** RE: Glyphosate questions from Undark--due tomorrow COB

Hi all:

One issue here is that we don't know what emails have been made available to Undark. I am only aware that the attached memo from OSP to OPP expressing ORD comments is accessible on the internet and was the subject of multiple trade press pieces, starting with Le Monde (<https://gmwatch.org/en/news/latest-news/17505-glyphosate-discord-at-the-us-environmental-protection-agency>)

Draft responses to the 2 questions – and the previous related question – are below.

**Previous Questions (for reference):** “Over the weekend I had a chance to read the above document dated December 14, 2015 (attached). I don't know if you are familiar with this document but it takes issue with a number of aspects of the OPP's Issue paper, some along the lines of the SAP members' critiques. At the end the ORD offers to work with OPP to develop the charge questions put to the SAP in Dec 2016. Did the OPP in fact accept input from ORD in preparing those questions, or otherwise work with ORD to revise its assessment in any way?”

## Deliberative Process / Ex. 5

**New questions:**

“1. According to the emails I have, after IARC released its glyphosate assessment in March 2015, Tom Burke wanted OSP to give high priority to asking ORD to review what OPP had already done in terms of evaluation. What were the main concerns that Tom and OSP had? Were they concerned OPP had got it wrong, that the divergence with IARC would create controversy, other? I don't want to put words into anyone's mouth, but a sense of the concerns would be good. Tom Burke first choice for this, Jacqueline McQueen second choice.

## Deliberative Process / Ex. 5

2. Once ORD began looking at this, the email trail makes clear that ORD scientists had concerned with the OPP assessment and in many or most cases leaned towards what IARC had concluded. How many ORD people were involved in this discussion, and what was the balance of opinions between probable carcinogen, suggestive evidence, etc, roughly speaking? Vincent Cogliano seemed to be taking the lead on this discussion and so he would be the best one to respond if possible.

## Deliberative Process / Ex. 5

I want to emphasize again that I am not trying to be coy about what I am after. The documentend evidence seems clear that the majority of SAP members (Dec 16 meeting) and the majority of ORD folks did NOT agree with OPP's conclusions that glyphosate was unlikely to be a human carcinogen. I am trying to fine tune the details of that and figure out why EPA went with “unlikely” despite that, as per the questions I asked earlier. The question in my mind is why and how that result occurred, but if EPA thinks I have that wrong I would be happy to hear it. Please remember that I originally asked for an interview with Anna Lowit and that we could incorporate her input once she gets back if you would make her available.”

Lynn Flowers, PhD, DABT

Associate Director for Science  
Office of Science Policy/ORD  
US EPA  
Washington, DC  
202-564-6293

---

**From:** Maguire, Megan

**Sent:** Thursday, August 23, 2018 1:35 PM

**To:** Flowers, Lynn <[Flowers.Lynn@epa.gov](mailto:Flowers.Lynn@epa.gov)>; Cogliano, Vincent <[cogliano.vincent@epa.gov](mailto:cogliano.vincent@epa.gov)>; Birchfield, Norman <[Birchfield.Norman@epa.gov](mailto:Birchfield.Norman@epa.gov)>

**Cc:** Champlin, Anna <[Champlin.Anna@epa.gov](mailto:Champlin.Anna@epa.gov)>; Hubbard, Carolyn <[Hubbard.Carolyn@epa.gov](mailto:Hubbard.Carolyn@epa.gov)>

**Subject:** Glyphosate questions from Undark--due tomorrow COB

Hi all- Below are questions on glyphosate from Undark. The first question references Jackie McQueen and Tom Burke, I told the press office neither of them work here anymore, but it also mentions OSP. I'm not sure who would be able to respond in Jackie's place, so hoping that you, Lynn, might be able to figure out if there's someone who wants to respond or what we would say. If you all could let me know your thoughts about how to respond that would be great. The deadline is COB tomorrow, and we are looking for written responses.

**"1. According to the emails I have, after IARC released its glyphosate assessment in March 2015, Tom Burke wanted OSP to give high priority to asking ORD to review what OPP had already done in terms of evaluation. What were the main concerns that Tom and OSP had? Were they concerned OPP had got it wrong, that the divergence with IARC would create controversy, other? I don't want to put words into anyone's mouth, but a sense of the concerns would be good. Tom Burke first choice for this, Jacqueline McQueen second choice.**

**2. Once ORD began looking at this, the email trail makes clear that ORD scientists had concerned with the OPP assessment and in many or most cases leaned towards what IARC had concluded. How many ORD people were involved in this discussion, and what was the balance of opinions between probable carcinogen, suggestive evidence, etc, roughly speaking? Vincent Cogliano seemed to be taking the lead on this discussion and so he would be the best one to respond if possible.**

I want to emphasize again that I am not trying to be coy about what I am after. The documentend evidence seems clear that the majority of SAP members ([Dec 16](#) meeting) and the majority of ORD folks did NOT agree with OPP's conclusions that glyphosate was unlikely to be a human carcinogen. I am trying to fine tune the details of that and figure out why EPA went with "unlikely" despite that, as per the questions I asked earlier. The question in my mind is why and how that result occurred, but if EPA thinks I have that wrong I would be happy to hear it. Please remember that I originally asked for an interview with Anna Lowit and that we could incorporate her input once she gets back if you would make her available."

Thanks,  
Megan

Megan Maguire  
US EPA, Office of Research and Development  
RRB 41261  
O: (202)564-6636  
C: Personal Matters / Ex. 6